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LATIHAN

1. Tabel nasabah

```
mysql> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah) values (1, 'Sutopo', 'Jl.Jendral Sudirman 12')
-> , (2, 'Maryati', 'Jl.MT.Haryono 31'), (3, 'Suparman', 'Jl.Hasanudin 81'), (4, 'Kartika Padmasari', 'Jl.Manggis 15')
-> , (5, 'Budi Eko Prayogo', 'Jl.Kantil 30'), (6, 'Satria Eka Jaya', 'Jl.Slamet Riyadi 45'), (7, 'Indri Hapsari', 'Jl.Sutoyo 5')
-> , (8, 'Sari Murti', 'Jl.Pangandaran 11'), (9, 'Canka Lokananta', 'Jl.Tidar 86'), (10, 'Budi Murtono', 'Jl.Merak 22');
Query OK, 10 rows affected (0.06 sec)
Records: 10 Duplicates: 0 Warnings: 0

mysql> select * from nasabah;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 1 | Sutopo | Jl.Jendral Sudirman 12 |
| 2 | Maryati | Jl.MT.Haryono 31 |
| 3 | Suparman | Jl.Hasanudin 81 |
| 4 | Kartika Padmasari | Jl.Manggis 15 |
| 5 | Budi Eko Prayogo | Jl.Kantil 30 |
| 6 | Satria Eka Jaya | Jl.Slamet Riyadi 45 |
| 7 | Indri Hapsari | Jl.Sutoyo 5 |
| 8 | Sari Murti | Jl.Pangandaran 11 |
| 9 | Canka Lokananta | Jl.Tidar 86 |
| 10 | Budi Murtono | Jl.Merak 22 |
+-----+-----+-----+
10 rows in set (0.00 sec)
```

2. Tabel cabang_bank

```
mysql> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang) values ('BRUS', 'Bank Rut Unit Surakarta', 'Jl.Slamet Riyadi 18'), ('BRUM', 'Bank Rut Unit Magelang', 'Jl.P.Tendean 63')
-> , ('BRUB', 'Bank Rut Unit Boyolali', 'Jl.Ahmad Yani 45'), ('BRUK', 'Bank Rut Unit Klaten', 'Jl.Suparman 23'), ('BRUY', 'Bank Rut Unit Yogyakarta', 'Jl.Anggrek 21')
-> , ('BRUN', 'Bank Rut Unit Wonogiri', 'Jl.Untung Suropati 12');
Query OK, 6 rows affected (0.07 sec)
Records: 6 Duplicates: 0 Warnings: 0

mysql> select * from cabang_bank;
+-----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+-----+-----+-----+
| BRUB | Bank Rut Unit Boyolali | Jl.Ahmad Yani 45 |
| BRUK | Bank Rut Unit Klaten | Jl.Suparman 23 |
| BRUM | Bank Rut Unit Magelang | Jl.P.Tendean 63 |
| BRUS | Bank Rut Unit Surakarta | Jl.Slamet Riyadi 18 |
| BRUN | Bank Rut Unit Wonogiri | Jl.Untung Suropati 12 |
| BRUY | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |
+-----+-----+-----+
6 rows in set (0.00 sec)
```

3. Tabel rekening

```
mysql> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values (101, 'BRUS', '1111', 500000), (102, 'BRUS', '2222', 350000),
-> (103, 'BRUS', '3333', 750000), (104, 'BRUM', '4444', 900000), (105, 'BRUM', '5555', 2000000), (106, 'BRUS', '6666', 3000000),
-> (107, 'BRUS', '7777', 1000000), (108, 'BRUB', '0000', 5000000), (109, 'BRUB', '9999', 0), (110, 'BRUY', '1234', 550000),
-> (111, 'BRUK', '4321', 150000), (112, 'BRUK', '0123', 300000), (113, 'BRUY', '8888', 255000);
Query OK, 13 rows affected (0.09 sec)
Records: 13 Duplicates: 0 Warnings: 0
```

```
mysql> select * from rekening;
```

| no_rekening | kode_cabangFK | pin | saldo |
|-------------|---------------|------|---------|
| 101 | BRUS | 1111 | 500000 |
| 102 | BRUS | 2222 | 350000 |
| 103 | BRUS | 3333 | 750000 |
| 104 | BRUM | 4444 | 900000 |
| 105 | BRUM | 5555 | 2000000 |
| 106 | BRUS | 6666 | 3000000 |
| 107 | BRUS | 7777 | 1000000 |
| 108 | BRUB | 0000 | 5000000 |
| 109 | BRUB | 9999 | 0 |
| 110 | BRUY | 1234 | 550000 |
| 111 | BRUK | 4321 | 150000 |
| 112 | BRUK | 0123 | 300000 |
| 113 | BRUY | 8888 | 255000 |

13 rows in set (0.00 sec)

4. Tabel nasabah_has_rekening

```
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values (1, 104), (2, 103), (3, 105), (3, 106),
-> (4, 101), (4, 107), (5, 102), (5, 107), (6, 109), (7, 109), (8, 111), (9, 110), (10, 113), (8, 112), (10, 108);
Query OK, 15 rows affected (0.07 sec)
Records: 15 Duplicates: 0 Warnings: 0
```

```
mysql> select * from nasabah_has_rekening;
```

| id_nasabahFK | no_rekeningFK |
|--------------|---------------|
| 1 | 104 |
| 2 | 103 |
| 3 | 105 |
| 3 | 106 |
| 4 | 101 |
| 4 | 107 |
| 5 | 102 |
| 5 | 107 |
| 6 | 109 |
| 7 | 109 |
| 8 | 111 |
| 8 | 112 |
| 9 | 110 |
| 10 | 108 |
| 10 | 113 |

15 rows in set (0.00 sec)

```
mysql> insert into transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) values
-> (NULL, 105, 3, 'debit', DEFAULT, 50000), (NULL, 103, 2, 'debit', DEFAULT, 40000), (NULL, 101, 4, 'kredit', DEFAULT, 20000),
-> (NULL, 106, 3, 'debit', DEFAULT, 50000), (NULL, 107, 5, 'kredit', DEFAULT, 30000), (NULL, 104, 1, 'kredit', DEFAULT, 200000),
-> (NULL, 110, 9, 'kredit', DEFAULT, 150000), (NULL, 102, 5, 'debit', DEFAULT, 20000), (NULL, 105, 3, 'kredit', DEFAULT, 50000), (NULL, 107, 4, 'debit', DEFAULT, 100000),
-> (NULL, 103, 2, 'debit', DEFAULT, 100000), (NULL, 104, 1, 'debit', DEFAULT, 50000),
-> (NULL, 107, 4, 'kredit', DEFAULT, 200000), (NULL, 105, 3, 'debit', DEFAULT, 40000), (NULL, 104, 1, 'kredit', DEFAULT, 100000),
-> (NULL, 101, 4, 'kredit', DEFAULT, 20000), (NULL, 103, 2, 'debit', DEFAULT, 50000), (NULL, 102, 5, 'debit', DEFAULT, 50000),
-> (NULL, 108, 10, 'debit', DEFAULT, 100000), (NULL, 106, 3, 'kredit', DEFAULT, 50000), (NULL, 103, 2, 'kredit', DEFAULT, 200000),
-> (NULL, 105, 3, 'kredit', DEFAULT, 100000), (NULL, 102, 5, 'debit', DEFAULT, 20000), (NULL, 104, 1, 'debit', DEFAULT, 50000),
-> (NULL, 103, 2, 'debit', DEFAULT, 40000), (NULL, 101, 4, 'debit', DEFAULT, 50000), (NULL, 103, 2, 'kredit', DEFAULT, 100000),
-> (NULL, 102, 5, 'kredit', DEFAULT, 200000), (NULL, 109, 7, 'debit', DEFAULT, 100000), (NULL, 110, 9, 'debit', DEFAULT, 20000);
Query OK, 30 rows affected (0.08 sec)
Records: 30 Duplicates: 0 Warnings: 0
```

5. Tabel transaksi

```
mysql> select * from transaksi;
```

| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal | jumlah |
|--------------|--------------|---------------|-----------------|---------------------|--------|
| 1 | 3 | 105 | debit | 2019-04-02 22:10:19 | 50000 |
| 2 | 2 | 102 | debit | 2019-04-02 22:10:19 | 40000 |
| 3 | 4 | 101 | kredit | 2019-04-02 22:10:19 | 20000 |
| 4 | 3 | 106 | debit | 2019-04-02 22:10:19 | 50000 |
| 5 | 5 | 107 | kredit | 2019-04-02 22:10:19 | 70000 |
| 6 | 1 | 104 | kredit | 2019-04-02 22:10:19 | 200000 |
| 7 | 9 | 110 | kredit | 2019-04-02 22:10:19 | 150000 |
| 8 | 5 | 102 | debit | 2019-04-02 22:10:19 | 20000 |
| 9 | 3 | 105 | kredit | 2019-04-02 22:10:19 | 50000 |
| 10 | 4 | 107 | debit | 2019-04-02 22:10:19 | 100000 |
| 11 | 2 | 107 | debit | 2019-04-02 22:10:19 | 100000 |
| 12 | 1 | 104 | debit | 2019-04-02 22:10:19 | 50000 |
| 13 | 4 | 102 | kredit | 2019-04-02 22:10:19 | 200000 |
| 14 | 3 | 105 | debit | 2019-04-02 22:10:19 | 40000 |
| 15 | 1 | 104 | kredit | 2019-04-02 22:10:19 | 100000 |
| 16 | 4 | 101 | kredit | 2019-04-02 22:10:19 | 20000 |
| 17 | 2 | 103 | debit | 2019-04-02 22:10:19 | 50000 |
| 18 | 5 | 102 | debit | 2019-04-02 22:10:19 | 50000 |
| 19 | 10 | 108 | debit | 2019-04-02 22:10:19 | 100000 |
| 20 | 3 | 101 | kredit | 2019-04-02 22:10:19 | 50000 |
| 21 | 2 | 103 | kredit | 2019-04-02 22:10:19 | 200000 |
| 22 | 7 | 105 | kredit | 2019-04-02 22:10:19 | 100000 |
| 23 | 5 | 102 | debit | 2019-04-02 22:10:19 | 20000 |
| 24 | 1 | 104 | debit | 2019-04-02 22:10:19 | 50000 |
| 25 | 2 | 103 | debit | 2019-04-02 22:10:19 | 40000 |
| 26 | 4 | 101 | debit | 2019-04-02 22:10:19 | 50000 |
| 27 | 2 | 103 | kredit | 2019-04-02 22:10:19 | 100000 |
| 28 | 5 | 102 | kredit | 2019-04-02 22:10:19 | 200000 |
| 29 | 7 | 105 | debit | 2019-04-02 22:10:19 | 100000 |
| 30 | 9 | 110 | debit | 2019-04-02 22:10:19 | 20000 |

30 rows in set (0.00 sec)

6. Update

- Nasabah dengan nama “Indri Hapsari” pindah alamat ke “Jalan Slamet Riyadi No.34”

```
mysql> select * from nasabah;
```

| id_nasabah | nama_nasabah | alamat_nasabah |
|------------|-------------------|------------------------|
| 1 | Sutopo | Jl.Jendral Sudirman 12 |
| 2 | Maryati | Jl.MT.Haryono 31 |
| 3 | Suparman | Jl.Hasanudin 81 |
| 4 | Kartika Padmasari | Jl.Manggis 15 |
| 5 | Budi Eko Prayogo | Jl.Kantil 30 |
| 6 | Satrio Eka Jaya | Jl.Slamet Riyadi 45 |
| 7 | Indri Hapsari | Jl.Sutoyo 5 |
| 8 | Sari Marti | Jl.Pangandaran 11 |
| 9 | Canka Lokananta | Jl.Tidar 86 |
| 10 | Budi Murtono | Jl.Merak 22 |

10 rows in set (0.00 sec)

```
mysql> update nasabah set alamat_nasabah = 'Jalan Slamet Riyadi No.34'
-> where nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.11 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from nasabah;
```

| id_nasabah | nama_nasabah | alamat_nasabah |
|------------|-------------------|---------------------------|
| 1 | Sutopo | Jl.Jendral Sudirman 12 |
| 2 | Maryati | Jl.MT.Haryono 31 |
| 3 | Suparman | Jl.Hasanudin 81 |
| 4 | Kartika Padmasari | Jl.Manggis 15 |
| 5 | Budi Eko Prayogo | Jl.Kantil 30 |
| 6 | Satrio Eko Jaya | Jl.Slamet Riyadi 45 |
| 7 | Indri Hapsari | Jalan Slamet Riyadi No.34 |
| 8 | Budi Murti | Jl.Pangandean 11 |
| 9 | Canka Lokananta | Jl.Tidar 86 |
| 10 | Budi Murtono | Jl.Merak 22 |

```
10 rows in set (0.00 sec)
```

b. Cabang dengan kode “BRUW” pindah ke alamat “Jalan A.Yani No.23”

```
mysql> select * from cabang_bank;
```

| kode_cabang | nama_cabang | alamat_cabang |
|-------------|--------------------------|-----------------------|
| BRUB | Bank Rut Unit Boyolali | Jl.Ahmad Yani 45 |
| BRUK | Bank Rut Unit Klaten | Jl.Suparman 23 |
| BRUM | Bank Rut Unit Magelang | Jl.P.Tendean 63 |
| BRUS | Bank Rut Unit Surakarta | Jl.Slamet Riyadi 18 |
| BRUW | Bank Rut Unit Wonogiri | Jl.Untung Suropati 12 |
| BRUY | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |

```
6 rows in set (0.00 sec)

mysql>
mysql> update cabang_bank set alamat_cabang = 'Jalan A.Yani No.23'
-> where kode_cabang = 'BRUW';
Query OK, 1 row affected (0.13 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from cabang_bank;
```

| kode_cabang | nama_cabang | alamat_cabang |
|-------------|--------------------------|---------------------|
| BRUB | Bank Rut Unit Boyolali | Jl.Ahmad Yani 45 |
| BRUK | Bank Rut Unit Klaten | Jl.Suparman 23 |
| BRUM | Bank Rut Unit Magelang | Jl.P.Tendean 63 |
| BRUS | Bank Rut Unit Surakarta | Jl.Slamet Riyadi 18 |
| BRUW | Bank Rut Unit Wonogiri | Jalan A.Yani No.23 |
| BRUY | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |

```
6 rows in set (0.00 sec)
```


7. Delete a. Nasabah dengan id “7” menutup rekeningnya

```
mysql> delete from nasabah
-> where id_nasabah = 7;
Query OK, 1 row affected (0.08 sec)

mysql> select * from nasabah;
```

| id_nasabah | nama_nasabah | alamat_nasabah |
|------------|-------------------|------------------------|
| 1 | Sutopo | Jl.Jendral Sudirman 12 |
| 2 | Maryati | Jl.MT.Haryono 31 |
| 3 | Suparman | Jl.Hasanudin 81 |
| 4 | Kartika Padmasari | Jl.Manggis 15 |
| 5 | Budi Eko Prayogo | Jl.Kantil 30 |
| 6 | Satria Eka Jaya | Jl.Slamet Riyadi 45 |
| 8 | Sari Murti | Jl.Pangandaran 11 |
| 9 | Canka Lokananta | Jl.Tidar 86 |
| 10 | Budi Murtono | Jl.Merak 22 |

```
9 rows in set (0.00 sec)
```

- b. Cabang dengan nama_cabang “Bank Rut Unit Magelang” menutup kantornya

```
mysql> delete from cabang_bank
-> where nama_cabang = 'Bank Rut Unit Magelang';
Query OK, 1 row affected (0.12 sec)

mysql> select * from cabang_bank;
```

| kode_cabang | nama_cabang | alamat_cabang |
|-------------|--------------------------|---------------------|
| BRUB | Bank Rut Unit Boyolali | Jl.Ahmad Yani 45 |
| BRUK | Bank Rut Unit Klaten | Jl.Suparman 23 |
| BRUS | Bank Rut Unit Surakarta | Jl.Slamet Riyadi 18 |
| BRUW | Bank Rut Unit Wonogiri | Jalan A.Yani No.23 |
| BRUY | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |

```
5 rows in set (0.00 sec)
```

TUGAS

1). Tabel nasabah

```
mysql> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah) values
-> (11, 'Aini Nur', 'Jl.Mawar 13'),
-> (12, 'Salsa Sasmita', 'Jl.Melati 56'),
-> (13, 'Angelita Putri', 'Jl.Pattimura 6'),
-> (14, 'Tyas Melani', 'Jl.Manggis 15'),
-> (15, 'Cinde Prawito', 'Jl.Anggrek 67'),
-> (16, 'Muhammad Rizky', 'Jl.Slamet Riyadi 5'),
-> (17, 'Ahmad Jibril', 'Jl.Melodi 8'),
-> (18, 'Sani Putri', 'Jl.Mangga 3'),
-> (19, 'Ardhia Dhiani', 'Jl.Kelengkeng 7'),
-> (20, 'Ayu Cahyaningtyas', 'Jl.Budi 64');
Query OK, 10 rows affected (0.07 sec)
Records: 10 Duplicates: 0 Warnings: 0

mysql> select * from nasabah;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 1 | Sutopo | Jl.Jendral Sudirman 12 |
| 2 | Maryati | Jl.MT.Haryono 31 |
| 3 | Suparman | Jl.Hasanudin 81 |
| 4 | Kartika Padmasari | Jl.Manggis 15 |
| 5 | Budi Eko Prayogo | Jl.Kantil 30 |
| 6 | Satria Eka Jaya | Jl.Slamet Riyadi 45 |
| 7 | Sari Murti | Jl.Pangandaran 11 |
| 8 | Canka Lokananta | Jl.Tidar 26 |
| 9 | Budi Murtono | Jl.Merak 22 |
| 10 | Aini Nur | Jl.Mawar 13 |
| 11 | Salsa Sasmita | Jl.Melati 56 |
| 12 | Angelita Putri | Jl.Pattimura 6 |
| 13 | Tyas Melani | Jl.Manggis 15 |
| 14 | Cinde Prawito | Jl.Anggrek 67 |
| 15 | Muhammad Rizky | Jl.Slamet Riyadi 5 |
| 16 | Ahmad Jibril | Jl.Melodi 8 |
| 17 | Sani Putri | Jl.Mangga 3 |
| 18 | Ardhia Dhiani | Jl.Kelengkeng 7 |
| 19 | Ayu Cahyaningtyas | Jl.Budi 64 |
+-----+-----+-----+
19 rows in set (0.00 sec)
```

2). Tabel cabang_bank

```
mysql> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang) values
-> ('BRUJ', 'Bank Rut Unit Jakarta', 'Jl.Mawar 7'),
-> ('BRUA', 'Bank Rut Unit Aceh', 'Jl.Kelengkeng 5'),
-> ('BRUPA', 'Bank Rut Unit Papua', 'Jl.Manokwari 9'),
-> ('BRUG', 'Bank Rut Unit Gemolong', 'Jl.Sudirman 67'),
-> ('BRUT', 'Bank Rut Unit Ternate', 'Jl.Manggis 54'),
-> ('BRUP', 'Bank Rut Unit Pasuruan', 'Jl.Budi 14'),
-> ('BRUD', 'Bank Rut Unit Dumai', 'Jl.Pattimura 13'),
-> ('BRUBU', 'Bank Rut Unit Bnukittinggi', 'Jl.Semangka 6'),
-> ('BRUPP', 'Bank Rut Unit Padang Panjang', 'Jl.Minang 17'),
-> ('BRUBI', 'Bank Rut Unit Binjai', 'Jl.Budi 8');
Query OK, 10 rows affected (0.10 sec)
Records: 10 Duplicates: 0 Warnings: 0

mysql> select * from cabang_bank;
+-----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+-----+-----+-----+
| BRUA | Bank Rut Unit Aceh | Jl.Kelengkeng 5 |
| BRUB | Bank Rut Unit Boyolali | Jl.Ahmad Yani 45 |
| BRUBI | Bank Rut Unit Binjai | Jl.Budi 8 |
| BRUBU | Bank Rut Unit Bnukittinggi | Jl.Semangka 6 |
| BRUD | Bank Rut Unit Dumai | Jl.Pattimura 13 |
| BRUG | Bank Rut Unit Gemolong | Jl.Sudirman 67 |
| BRUJ | Bank Rut Unit Jakarta | Jl.Mawar 7 |
| BRUK | Bank Rut Unit Klanten | Jl.Suparman 23 |
| BRUP | Bank Rut Unit Pasuruan | Jl.Budi 14 |
| BRUPA | Bank Rut Unit Papua | Jl.Manokwari 9 |
| BRUPP | Bank Rut Unit Padang Panjang | Jl.Minang 17 |
| BRUS | Bank Rut Unit Surakarta | Jl.Slamet Riyadi 10 |
| BRUT | Bank Rut Unit Ternate | Jl.Manggis 54 |
| BRUW | Bank Rut Unit Wonogiri | Jalan A.Yani No.23 |
| BRUY | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |
+-----+-----+-----+
15 rows in set (0.01 sec)
```

3).Tabel rekening

```
mysql> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values
-> (114, 'BRUPA', '4567', 200000),
-> (115, 'BRUPP', '5678', 450000),
-> (116, 'BRUA', '2345', 700000),
-> (117, 'BRUJ', '3456', 50000),
-> (118, 'BRUG', '6789', 200000),
-> (119, 'BRUT', '6543', 600000),
-> (120, 'BRUP', '7654', 1000000),
-> (121, 'BRUD', '8765', 5000000),
-> (122, 'BRUBU', '9876', 200000),
-> (123, 'BRUI', '1500', 550000);
Query OK, 10 rows affected (0.10 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

```
mysql> select *from rekening;
+-----+-----+-----+-----+
| no_rekening | kode_cabangFK | pin | saldo |
+-----+-----+-----+-----+
| 101 | BRUS | 1111 | 500000 |
| 102 | BRUS | 2222 | 350000 |
| 103 | BRUS | 3333 | 750000 |
| 104 | BRUM | 4444 | 900000 |
| 105 | BRUM | 5555 | 2000000 |
| 106 | BRUS | 6666 | 3000000 |
| 107 | BRUS | 7777 | 1000000 |
| 108 | BRUB | 0000 | 5000000 |
| 109 | BRUB | 9999 | 0 |
| 110 | BRUY | 1234 | 550000 |
| 111 | BRUK | 4321 | 150000 |
| 112 | BRUK | 0123 | 300000 |
| 113 | BRUY | 8888 | 255000 |
| 114 | BRUPA | 4567 | 200000 |
| 115 | BRUPP | 5678 | 450000 |
| 116 | BRUA | 2345 | 700000 |
| 117 | BRUJ | 3456 | 50000 |
| 118 | BRUG | 6789 | 200000 |
| 119 | BRUT | 6543 | 600000 |
| 120 | BRUP | 7654 | 1000000 |
| 121 | BRUD | 8765 | 5000000 |
| 122 | BRUBU | 9876 | 200000 |
| 123 | BRUI | 1500 | 550000 |
+-----+-----+-----+-----+
23 rows in set (0.00 sec)
```

4).Tabel nasabah_has_rekening

```
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values
-> (11, 104), (12, 103),
-> (12, 105), (13, 106),
-> (14, 101), (14, 107),
-> (15, 102), (15, 107),
-> (16, 109), (17, 109);
Query OK, 10 rows affected (0.09 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

```
mysql> select * from nasabah_has_rekening;
+-----+-----+
| id_nasabahFK | no_rekeningFK |
+-----+-----+
| 1 | 104 |
| 2 | 103 |
| 3 | 105 |
| 3 | 106 |
| 4 | 101 |
| 4 | 107 |
| 5 | 102 |
| 5 | 107 |
| 6 | 109 |
| 7 | 109 |
| 8 | 111 |
| 8 | 112 |
| 9 | 110 |
| 10 | 108 |
| 10 | 113 |
| 11 | 104 |
| 12 | 103 |
| 12 | 105 |
| 13 | 106 |
| 14 | 101 |
| 14 | 107 |
| 15 | 102 |
| 15 | 107 |
| 16 | 109 |
| 17 | 109 |
+-----+-----+
25 rows in set (0.00 sec)
```

5). Tabel Transaksi

```
mysql> insert into transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) values
-> (NULL, 105, 11, 'debit', DEFAULT, 40000),
-> (NULL, 104, 11, 'kredit', DEFAULT, 100000),
-> (NULL, 101, 14, 'kredit', DEFAULT, 20000),
-> (NULL, 103, 12, 'debit', DEFAULT, 50000),
-> (NULL, 102, 15, 'debit', DEFAULT, 50000),
-> (NULL, 106, 20, 'debit', DEFAULT, 100000),
-> (NULL, 106, 13, 'kredit', DEFAULT, 50000),
-> (NULL, 103, 12, 'kredit', DEFAULT, 200000),
-> (NULL, 105, 13, 'kredit', DEFAULT, 100000),
-> (NULL, 102, 15, 'debit', DEFAULT, 20000),
-> (NULL, 104, 11, 'debit', DEFAULT, 50000),
-> (NULL, 103, 12, 'debit', DEFAULT, 40000),
-> (NULL, 101, 14, 'kredit', DEFAULT, 50000),
-> (NULL, 103, 12, 'kredit', DEFAULT, 100000),
-> (NULL, 102, 15, 'kredit', DEFAULT, 200000),
-> (NULL, 104, 11, 'debit', DEFAULT, 50000),
-> (NULL, 103, 12, 'debit', DEFAULT, 40000),
-> (NULL, 101, 14, 'debit', DEFAULT, 50000),
-> (NULL, 109, 17, 'debit', DEFAULT, 100000),
-> (NULL, 110, 19, 'debit', DEFAULT, 20000);
Query OK, 20 rows affected (0.00 sec)
Records: 20 Duplicates: 0 Warnings: 0
```

```
mysql> select * from transaksi;
```

| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal | jumlah |
|--------------|--------------|---------------|-----------------|---------------------|--------|
| 1 | 3 | 105 | debit | 2019-04-02 22:30:39 | 50000 |
| 2 | 2 | 103 | debit | 2019-04-02 22:30:39 | 40000 |
| 3 | 4 | 101 | kredit | 2019-04-02 22:30:39 | 20000 |
| 4 | 3 | 106 | debit | 2019-04-02 22:30:39 | 50000 |
| 5 | 5 | 107 | kredit | 2019-04-02 22:30:39 | 30000 |
| 6 | 1 | 104 | kredit | 2019-04-02 22:30:39 | 200000 |
| 7 | 9 | 110 | kredit | 2019-04-02 22:30:39 | 150000 |
| 8 | 5 | 102 | debit | 2019-04-02 22:30:39 | 20000 |
| 9 | 3 | 105 | kredit | 2019-04-02 22:30:39 | 50000 |
| 10 | 4 | 107 | debit | 2019-04-02 22:30:39 | 100000 |
| 11 | 2 | 103 | debit | 2019-04-02 22:30:39 | 100000 |
| 12 | 1 | 104 | debit | 2019-04-02 22:30:39 | 50000 |
| 13 | 4 | 107 | kredit | 2019-04-02 22:30:39 | 200000 |
| 14 | 3 | 105 | debit | 2019-04-02 22:30:39 | 40000 |
| 15 | 1 | 104 | kredit | 2019-04-02 22:30:39 | 100000 |

| | | | | | |
|----|----|-----|--------|---------------------|--------|
| 9 | 3 | 105 | kredit | 2019-04-02 22:30:39 | 50000 |
| 10 | 4 | 107 | debit | 2019-04-02 22:30:39 | 100000 |
| 11 | 2 | 103 | debit | 2019-04-02 22:30:39 | 100000 |
| 12 | 1 | 104 | debit | 2019-04-02 22:30:39 | 50000 |
| 13 | 4 | 107 | kredit | 2019-04-02 22:30:39 | 200000 |
| 14 | 3 | 105 | debit | 2019-04-02 22:30:39 | 40000 |
| 15 | 1 | 104 | kredit | 2019-04-02 22:30:39 | 100000 |
| 16 | 4 | 101 | kredit | 2019-04-02 22:30:39 | 20000 |
| 17 | 2 | 103 | debit | 2019-04-02 22:30:39 | 50000 |
| 18 | 5 | 102 | debit | 2019-04-02 22:30:39 | 50000 |
| 19 | 10 | 108 | debit | 2019-04-02 22:30:39 | 100000 |
| 20 | 3 | 106 | kredit | 2019-04-02 22:30:39 | 50000 |
| 21 | 2 | 103 | kredit | 2019-04-02 22:30:39 | 200000 |
| 22 | 3 | 105 | kredit | 2019-04-02 22:30:39 | 100000 |
| 23 | 5 | 102 | debit | 2019-04-02 22:30:39 | 20000 |
| 24 | 1 | 104 | debit | 2019-04-02 22:30:39 | 50000 |
| 25 | 2 | 103 | debit | 2019-04-02 22:30:39 | 40000 |
| 26 | 4 | 101 | debit | 2019-04-02 22:30:39 | 50000 |
| 27 | 2 | 103 | kredit | 2019-04-02 22:30:39 | 100000 |
| 28 | 5 | 102 | kredit | 2019-04-02 22:30:39 | 200000 |
| 29 | 7 | 109 | debit | 2019-04-02 22:30:39 | 100000 |
| 30 | 9 | 110 | debit | 2019-04-02 22:30:39 | 20000 |
| 31 | 11 | 105 | debit | 2019-04-02 23:48:16 | 40000 |
| 32 | 11 | 104 | kredit | 2019-04-02 23:48:16 | 100000 |
| 33 | 14 | 101 | kredit | 2019-04-02 23:48:16 | 20000 |
| 34 | 12 | 103 | debit | 2019-04-02 23:48:16 | 50000 |
| 35 | 15 | 102 | debit | 2019-04-02 23:48:16 | 50000 |
| 36 | 20 | 106 | debit | 2019-04-02 23:48:16 | 100000 |
| 37 | 13 | 106 | kredit | 2019-04-02 23:48:16 | 50000 |
| 38 | 12 | 103 | kredit | 2019-04-02 23:48:16 | 200000 |
| 39 | 13 | 105 | kredit | 2019-04-02 23:48:16 | 100000 |
| 40 | 15 | 102 | debit | 2019-04-02 23:48:16 | 20000 |
| 41 | 11 | 104 | debit | 2019-04-02 23:48:16 | 50000 |
| 42 | 12 | 103 | debit | 2019-04-02 23:48:16 | 40000 |
| 43 | 14 | 101 | kredit | 2019-04-02 23:48:16 | 50000 |
| 44 | 12 | 103 | kredit | 2019-04-02 23:48:16 | 100000 |
| 45 | 15 | 102 | kredit | 2019-04-02 23:48:16 | 200000 |
| 46 | 11 | 104 | debit | 2019-04-02 23:48:16 | 50000 |
| 47 | 12 | 103 | debit | 2019-04-02 23:48:16 | 40000 |
| 48 | 14 | 101 | debit | 2019-04-02 23:48:16 | 50000 |
| 49 | 17 | 109 | debit | 2019-04-02 23:48:16 | 100000 |
| 50 | 19 | 110 | debit | 2019-04-02 23:48:16 | 20000 |

```
50 rows in set (0.00 sec)
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